

NON-LETHAL CARGO PROJECTILE

Abstract

A non-lethal cargo projectile includes a projectile body; a nose cap attached to a front of the projectile body; a boattail attached to a rear of the projectile body; a fin assembly including a boom attached to the boattail; a parachute assembly disposed in a front of the projectile body; a cable connecting the parachute assembly to the boattail; a fuze disposed in the boattail; a first pair of half cylinders disposed in the projectile body behind the parachute assembly; a first circular disc disposed at a front end of the first pair of half cylinders and a second circular disc disposed at a rear end of the first pair of half cylinders; a second pair of half cylinders disposed in the projectile body in front of the first circular disc enclose the parachute assembly; and a payload disposed in a space defined by the first pair of half cylinders and the first and second circular discs.